

Written By: daniel sawyer



INTRODUCTION

If your keyboard is broken, this guide will show you how to remove and replace it.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Battery



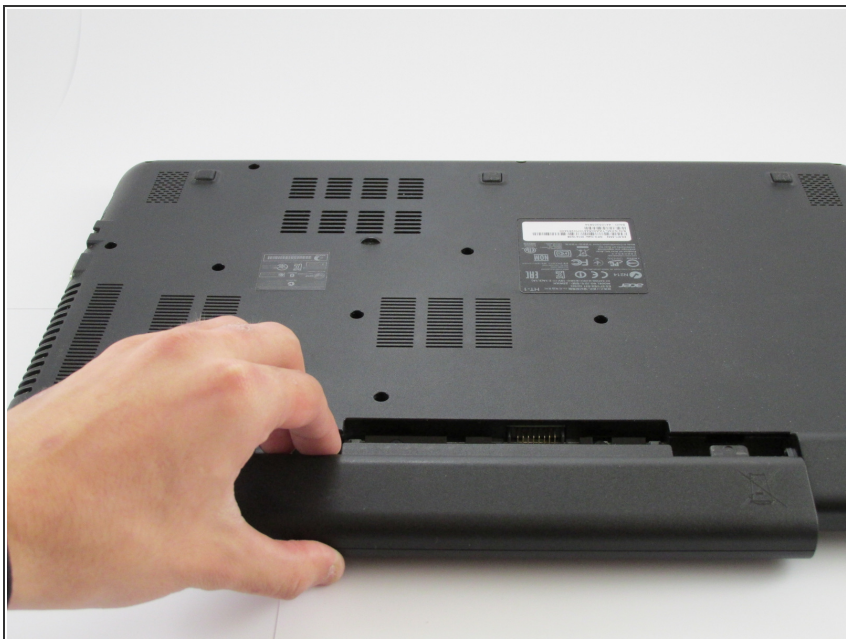
- ⚠ Make sure the laptop is shut down.
- Flip the laptop upside down with the battery facing towards your body and locate the battery lock circled in red.

Step 2



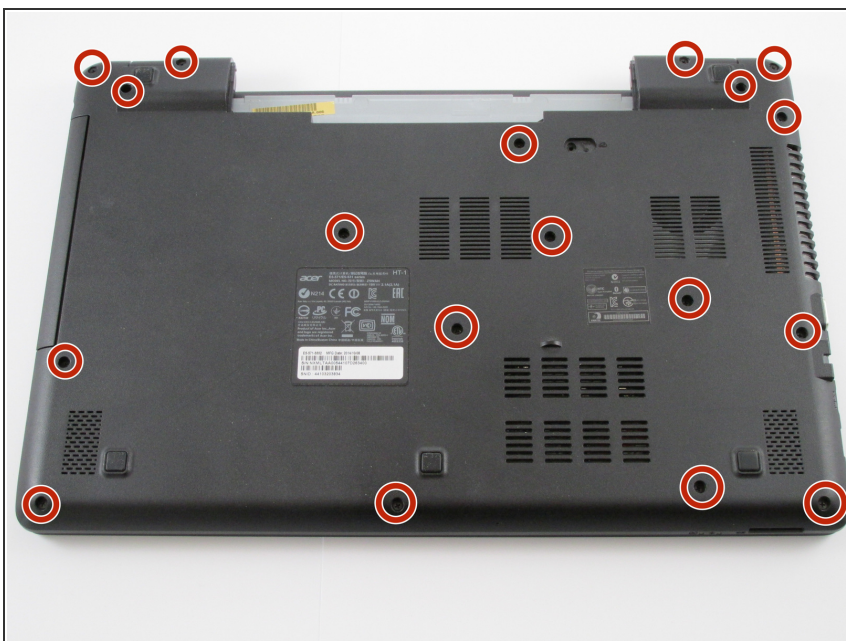
- Use a small screwdriver or pen and place it into the battery lock as shown.
- Gently slide it to the left until you hear the battery release.

Step 3



- Pull the battery towards your body as shown in the picture.

Step 4 — Keyboard



- Remove all eighteen 8 mm Phillips #0 screws with a Phillips #0 screwdriver and set aside.
- ⓘ All of these screws are identical, 8 mm, Phillips #0 screws.

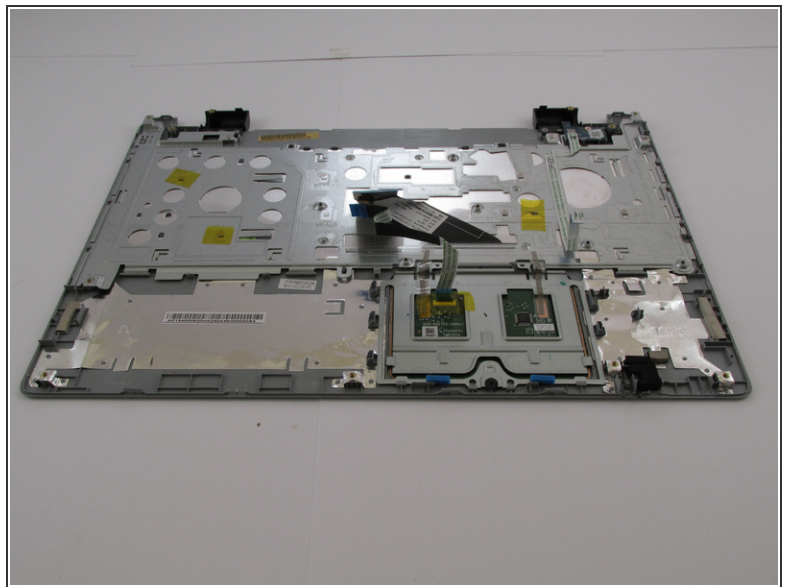
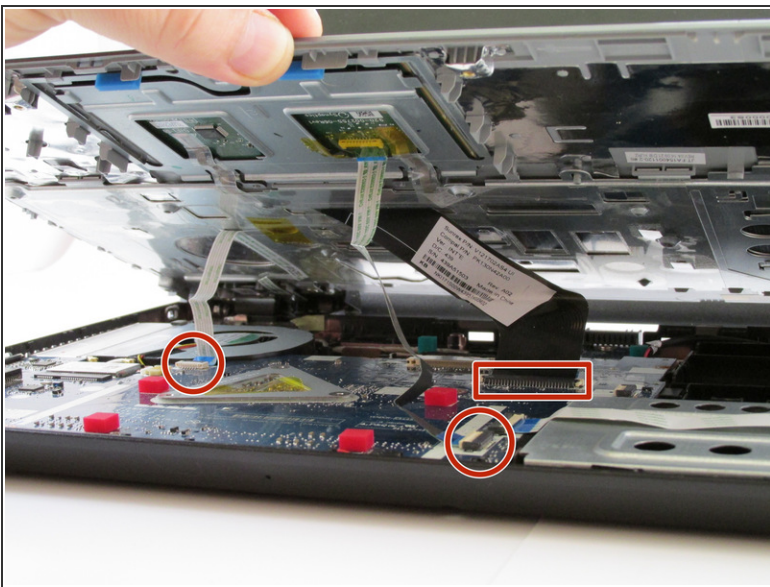
Step 5



- Move around the edge with metal spudger and carefully pry apart the keyboard.

⚠ Once all edges are loose, do not remove the keyboard until after next step!

Step 6



- Carefully detach the three ZIF ribbons connected to the motherboard by flipping up the white hinge.
- Lift up on the keyboard and the whole top should come right off, including the touchpad.

To reassemble your device, follow these instructions in reverse order.

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